

Application Serial No.: 10/666,924
Amendment dated: March 28, 2005
Reply to Office Action of January 21, 2005

Please amend this application as follows:

In the Claims:

Please amend the claims as follows (the changes in these Claims are shown with ~~strikethrough~~ for deleted matter and underlines for added matter). A complete listing of the claims with proper claim identifiers is set forth below.

Claims 1-7 (cancelled)

8. (Currently Amended) A hand-held, portable, power tool adapted to be carried by an operator while in use, comprising:

a frame, including a handle engageable by an operator;
an implement cooperating with the frame and having a rotary-driven input member;

a lightweight, four-stroke cycle, internal combustion, spark-ignition engine attached to said frame wherein said engine comprising:

a lightweight engine block defining a cylinder head assembly, a cam housing, a crank chamber and a cylindrical bore;
an intake valve and exhaust valve in said cylinder head assembly;
a piston slidably disposed in said cylindrical bore;
a crankshaft supported by at least one bearing in said crank chamber, said crankshaft being drivably connected to said piston, and having an output end cooperating with an input end of said implement;
a cam rotatably mounted in said cam chamber housing and driven by said crankshaft at less than the full speed of said crankshaft; and
a valve cover on said cylinder head defining a valve chamber.

9. (Previously Presented) The hand-held, portable, power tool of claim 8 wherein said tool is a line trimmer.

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10. (Previously Presented) The hand-held, portable, power tool of claim 8

wherein said tool is a chain saw.

11. (Previously Presented) The hand-held, portable, power tool of claim 8
wherein said tool is a blower/vacuum.

12. (Previously Presented) The hand-held, portable, power tool of claim 8

wherein said engine further comprising:

an oil reservoir for storing engine lubrication oil; and
an engine lubrication system whereby said oil is circulated through said
engine to lubricate said piston, said crankshaft, said bearing, said intake and exhaust
valves, and said cam.

13. (Previously Presented) The hand-held, portable, power tool of claim 12

wherein said engine lubrication system comprising:

an oil flow passage such that said oil reservoir, said cylindrical bore, said
crankshaft chamber, said cam chamber and said valve chamber are in fluid
communication; and
an oil return passage from said valve chamber to said oil reservoir.

14. (Currently Amended) A hand-held, portable, power tool adapted to be carried
by an operator while in use, comprising:

a frame, including a handle engageable by an operator;
an implement cooperating with the frame and having a rotary-driven input
member;

a lightweight, four-stroke cycle, internal combustion, spark-ignition engine
attached to said frame wherein said engine comprising:

a lightweight engine block defining a cam housing, a crank
chamber and a cylindrical bore;
an intake valve and exhaust valve;
a piston slidably disposed in said cylindrical bore;

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a crankshaft supported by at least one bearing in said crank chamber, said crankshaft being drivably connected to said piston, and having an output end cooperating with an input end of said implement;

a cam rotatably mounted in said cam chamber housing and driven by said crankshaft at less than the full speed of said crankshaft.

15. (Previously Presented) The hand-held, portable, power tool of claim 14 wherein said tool is a line trimmer.

16. (Previously Presented) The hand-held, portable, power tool of claim 14 wherein said tool is a chain saw.

17. (Previously Presented) The hand-held, portable, power tool of claim 14 wherein said tool is a blower/vacuum.

18. (Previously Presented) The hand-held, portable, power tool of claim 14 wherein said engine further comprising:

an oil reservoir for storing engine lubrication oil; and

an engine lubrication system whereby said oil is circulated through said engine to lubricate said piston, said crankshaft, said bearing, said intake and exhaust valves, and said cam.

19. (Previously Presented) The hand-held, portable, power tool of claim 18 wherein said engine lubrication system comprising:

an oil flow passage such that said oil reservoir, said cylindrical bore, said crankshaft chamber, said cam chamber and said valve chamber are in fluid communication; and

an oil return passage from said valve chamber to said oil reservoir.